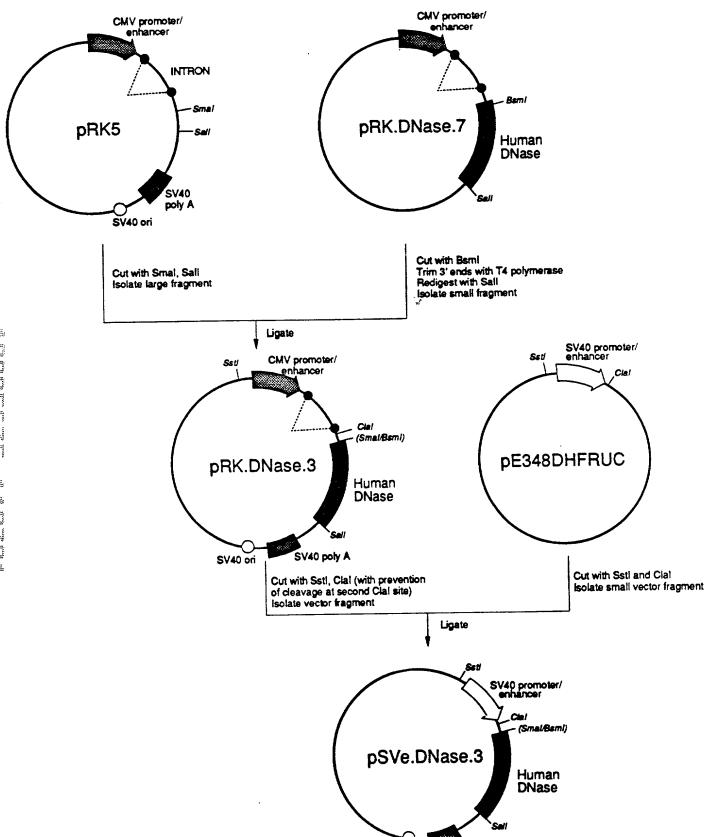
<b>p.</b>	٤		■	<u>م</u> ے			_		g	
TCATCAAAGC AGTAGTTTCC SerSerLysAsp	TOCCACTGOC ACCCTGACCG euAlaLeuAla	CACCTACATT GTCGATGTAA 1SerTyrile	Aatcaggatg Ttagtcctac Asbglbaspal	HCTCTTCGGT ACAGACGCCA alseralaval	CACACAGGEC GTGTCTCCAG eThrGluyel	CACATATOCO CACATATACOC GlulystrpGly	CCCCCCCT	AGCCCCGT TCCCCGCAA 9GlyAlaval	CTCCACTACG CTCCACTACG GluvalMetLeu	
CACAAAATTG CTCTTTTAAC 9AF9LYSLeu	CCCCCCCACC GIVALALEUL	CCACCCTCGT GCTGGGAGCA 1aThrleuva	GCACAACCTC CCTGTTGGAG WASPASHLeu	CCTGACCAGG GGACTGGTCC ProaspGlnV	TCTCCCGGT ACAGGCCAA heSerArgPh	GCATCTCCAA CCTACAGGTT uAspvalgln	CTCTCCCCA GACACCTCTT Leutepthes	#CC#CC#CCC ACGACGAGGC etleuleuAr	CTATCCACTG GATACCTCAC STYTPTOVAL	•
CCHCCTTTTC CCTCCTTTTC erSerlysar	GAACCACCAC CTTCCACCAC tlysleuleu	ATCACCAATG TACAGGTTAC HetSerasna	ggaagcege ccttcgacga lylysleule	CCACATICACO GCACATICACO evaltyrare	GECAGGITCE CAGTCCAAGA ValargPheP	ACCECTACCE TOCAGATGGA SPVeliyrie	ATCCATCCGC TAGGTAGGCG TSerileArg	CANCERCET ValalaciyH	TCAGTGACCA AGTCACTGGT 1eSerAsp#1	
AAAGAAATT PheSerLeuS	TGAGGGGCAT ACTCCCCGTA etargGlyMe	GCACACCAAG CCTCTGGTTC yGluThrlys	ACTOCCOTOS TGACGGCACC Thralevels	GCFACCTGFF CGATGGACAA rgTyr Leuph	GCCAGCCATT CGGTCGGTAA uProalaile	GCTCTCTATG CGAGAGATAC Alaleutyra	CCCAGGGGC GGGTCACCAG erGlnfrpSe	CAGGATCGTG GTCCTAGCAC pargileval	GCCCAAGCCA CCGGTTCGGT AlaGlaAlaI	
CACTACTTT CTGATGAAA *ThrThrPhe	CATCTCAGOR GTAGAGTCCT HASLEUAFGM	AGACATTTGG TCTGTAAACC InThrPheGl	CACCCACCTG GTCGGTGGAC pSerHisteu	TATAAGGAGC ATATTCCTCG TYTLY8GluA	TCAACCGAGA AGTTGGCTCT heasnargGl	CCACATCGAC GCTCTAGCTG aGluileAsp	Greacacet Cacteregea Valargpros	Grecetatea Caccetaet ysalatytas	TCACCAACTG ACTGGTTGAC rAspGlnLeu	
AAAGAAGTAT euSerseran	ACATCACCAT TGTAGTGGTA YHISHISHIS	TTCAACATCC AAGTTGTAGG PheAsnileG	ACCACACACA TCCACTCT luvalargas	ACCCAACAGC TCCCTTCTCG YAFGASBSEF	AACGACACCT TTGCTGTGGA AsnaspThrp	ACGEAGTAGE TGGGTCATCG spalavalal	CTCCACCTAT GACCTCGATA YCYSSerfyr	CCCACGCACT GGGTGCGTGA ProthrHisc	ATGCCTGAG TACCGGACTC YTG1YLeuSe	
TTCAGAGACC AAGTCTCTGG PheArgAspL	ATCTCTGAGG TAGAGACTCC 1steuop*G1		CTGGTCCAGG GACCAGGTCC Leuvalglag	ACCACTGGG TCGGTGACCC JuProleuGl	CCCCTGCGGG CCGCACGCCC uProCysGly	GCCCCGGGG CGGGGCCCC AlaProGlyA	TCAATGCGGG AGTTACGCCC heAsnAlaGl	CACAGCTACA GTGTCGATGT FThEALATHE	CAGGCTGCCT GTCCGACGGA GINAIAAIAT	CTTCACCTC CTTCACCTC P*Thrala
CANGECCTIC CTTCACGAAG uLysCysPhe	CATTCTCGTC GTAAGAGCAG H18Selalqh	TOTCGTGAA ACAGGGACTT alserteuty	TCACATCCCC ACTCTACCCC FASPILEALS	CACCAGTCACTC CACCAGTCAC ValvalserG	ATCCCTCCGA TACCCACCCT spclycyscl	CCTGCATGCG GGACGTACGC oleuHisale	ATGGGCCACT TACCCGCTGA HetGlyAspP	CCCCACTOR CCCCACTOR eralaaspth	CTTTAACTTC GAAATTCAAG OPheasinghe	CACACCAGTT GTGTGGTCAA Histhrsero
CCACACCCTT CCTCACCCAA	Trefrenced Anganerere PSeroPegla		TGACCCCCTA ACTCCCCCAT euSerArgTy	CTATCACTAC GATAGTGATG FTYTHISTYF	TACTACGATG ATCATGCTAC TYTTYTASPA	CCATTOTICC GCTAACAAGG Lailevalpr	CCFCATCTTG CCACTACAAC PVALHETLEN	AFCCCGACA TAGGGGCTGT IleProAspS	CCCCACATCC CCCCACAAGG eralaleupr	ACCCCTCC TCCCCAGGG AAlaProPro
ACCTOCACAG AGGACGTGTC			Grechentee Caceterage Valginilet	CACCAGACAC GTGGTCTGTG Proaspth	GCACAGCTAC CCTGTCGATG ASDSerfyr	ACCTCAAAC Areciuphed		CCAGTGGCTG GGTCACCGAC GlnTrpleu	GTTCCCGACT CAAGGCCTGA ValProAsp8	rcandranac acttcheres Lysopeal
н -	101		301		501	60.7	701	26	901	1001

### FIGURE 2

hDNase	10 LKIAAFNIQTFGI ************************************	****	TVOILSRYD	IALVQEVRDSH	* ***
hDNase bDNase	60 LLDNLNQDAPDTY *** **** *.** LLDYLNQDDPNTY 60	****	SYKERYLFV: ******* SYKERYLFL!	YRPDQVSAVDS .**** .*.	* ****
hDNase bDNase	110 CEPCGNDTFNRE	**.*.* *. *	VREFAIVPLI *.****** VKEFAIVAL	HAAPGD <b>A</b> VAEI *.**.***** HSAPSDAVAEI	DALYDV
n Mase bowase	160 YLDVQEKWGLED	170 VMLMGDFNAGCS ************ VMLMGDFNADCS	180 YVRPSQWSS ** .**** YVTSSQWSS	IRLWTSPTFQV ***.**.*** IRLRTSSTFQV	VLIPDSA ****** VLIPDSA
henase  bonase	210 DTTATPTHCAYD ************************************	RIVVAGMLLRGA	230 VVPDSALPF ** ** **	.******	250 QLAQAIS
hDNase	210 260 DHYPVEVMLK ****** DHYPVEVTLT		230		250
	260				

Fig. 3



SV40 poly A

SV40 ori

Fig. 4

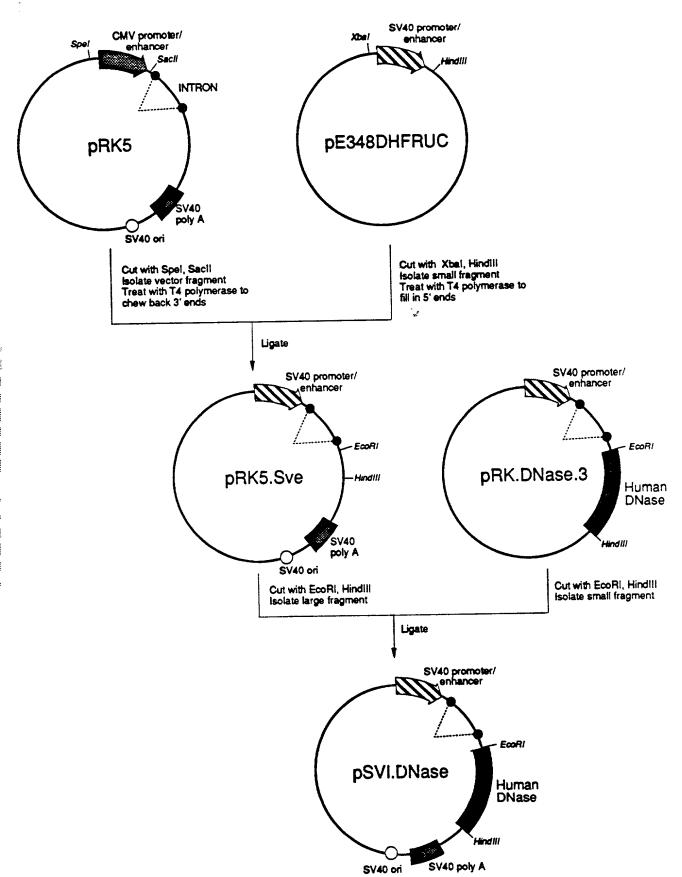
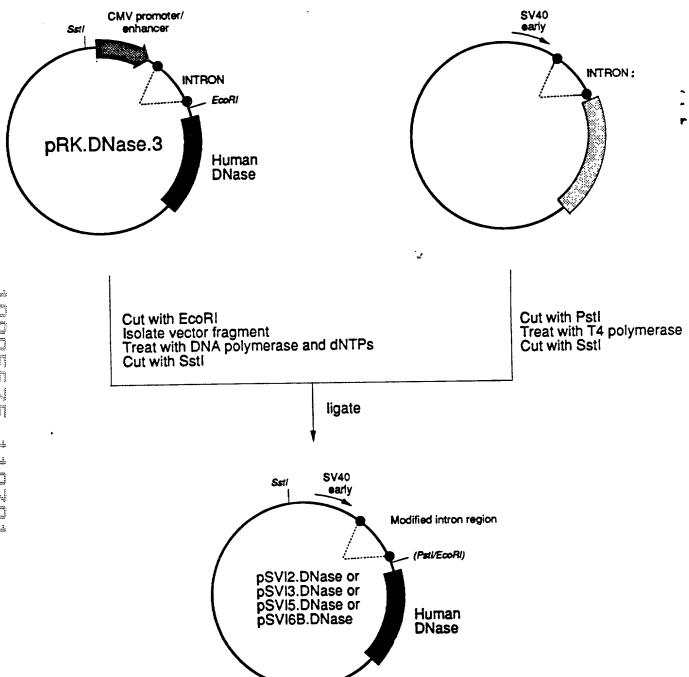


Fig. 5



nlaIV III IGCTCCCAG CAGGCAGAAG CCGAGGGGTC GTCCGTTTC sfaNI ns11	avalii nlaili sphi nspcix gcArgcArcr CAATTAGTCA cGTACGTAGA GTTAATCAGT	ACTAATTTT TTTATTTATG TGATTAAAAA AAATAAATAC SCFFI ncil	Styl haell haell sauli haell stul stul haell sauli haelli stul haelli stul haelli sauli haelli sauli muli muli muli muli muli muli muli m	AGCAATCTTG CGCCGATGTT
nlaIV scrFI ecoRII bstNI AAAGTCCCCA GGTCCCCAG TTTCAGGGGT RSII	AG	styl styl ncol caffctccc cccafgcfc gfaagagcc gggaccgac	styI haell1 stul hael hael chgGCCTAGG CTTTTGCAAA CTCCGGATCC GAAAACGTTT bstXI sau961 haellI asu1	HAPECGGGTG GGGGAACCGA
	AGCAGGCAGA TCGTCCGTCT	CATTCTCCGC GTAAGAGGCG	styl avrll haelll stul hael mnll chael chael chael stul hael mnll chael	ATABOCCOOT
GTCTGTCAGT TAGGGTGTGG CACACAGTCA ATCCCACACC	nlaIV scrFI ecoRII bstNI c cAGGCTCCCC	bsrl TAACTCCGCC CAGTTCCGCC ATTGAGGCGG GTCAAGGCGG	mnll Gragregerere Grachananac Grachererererererererererererererererererer	TATAGAGTUT S ATATUTUGAGA
TGTGGAAT ACACCTTIA	nlaIV scrFI ecoRII bstNI GGAAAGTCCC CAGGCTCCCC	bsrl TAACTCCGCC CAGTTCCGCC ATTGAGGCGG GTCAAGGCGG	mbl1 GPAGFGAGGA GG CAFCACFCCF G	AGAGTGAĞT AAGTACCGCC TCTCACTGCA TTCATGGÇGG
taq1 sal1 hind11 hinclI acil aluI hinfI pvuII AGAGTCGACA GC	scrF1 ecoR11 bstN1 AACCAGGTGT	foki c Atcccccc g TAGGCCGCG	<b>⊢</b>	
ATTATTGACT /	ATTAGTCAGC TAATCAGTCG	AACTCCGCC TTGAGGCGG	fnu4HI byll stil haelII haelII lI mnll mnll aluI GGCGCCTCG GCCTCTGAGC CCGGCGGAGC CGGAGACTCG thal fnuDII	CCCCGTGCCA
	nsil availi nlaili sphi sfani nspcix icc ATGCATCTCA		fnu4HI bglI sfil sfil mnlI mnlI cAGAGGCCGA GGCCGCCTCG GTCTCCGGCT CCGGCGAGC  hinfI thal fnuDII bstUI	GGTGCATTGG AACGCGGATT CCCCGTGCCA CCACGTAACC TTGCGCCTAA GGGGCACGGT
aluI sstI sacI hgiJII hgiAI bsp1286 banII taqI TTCGAGCTCG AAGCTCGACATTG	nsil avalil nlaili sphi sfaNi nspClx nspClx	AIRCHINGS 201 GCAACCATAG CGTTGGTATTC		
et .	101	201	301	401

TOZOTT TICOTT

sau961 aval1 asul scrF1 ecoR11 bstN1

msel fok! spert spert acceptance and scape fok! spert spert spert acceptance acceptance

501

bspMI aluI pstI hindIII fnu4HI ddeI bbvI

mnlI

msel

Gloning linker
601 AACTGCACCT CGGTTCTAAG CTTGGGCTGC AGGTCGCCGT GAATTTAAGG GACGCTGTGA AGCA
TTGACGTGGA GCCAAGATTC GAACCCGACG TCCAGGGGGA CTTAAATTCC CTGCGACACT TCGT

**`**,

nlaIV 11 11 GGTCCCCAG CAGGCAGAAG	sfaNI nsiI avaIII nlaIII sphI nspCIX GCATGCATCT CAATTAGTCA	ACTAATTTT TTTATTATG TGATTAAAAA AAATAAATAC	scrFI nc11 nc11 hpaII hpaII kaalII eag1 eae1 cfrI aluI mspI cauII hindIII hpaII		- <
nl scrfi ecorii bstni AAAGTCCCCA GG	AGTATGCAAA TCATACGTTT	nlalil styl ncol cccatggetg		styl	CCCCTTTGGCT
tagi sali hindii hincii acci plet alui hinfi pvuli AGAGICGACA GCTGIRGGAAFF GTGTFCAGFTGG	AGCAGGCAGA	bsrl TAACTCGGC CAGTTCGGC CATTCTCCGC ATTGAGGCGG GTCAAGGGCG		crccGGATCC bstXI sau961 hae111	P ATAGGCCCAC V TATCGGGGTG
GFGTGTCAGT CACACAGTCA	scrFI scrPI ccoklI ecoklI ccoklI bstNI bstNI AACCAGTGT GGAAAGTCCC CAGGCTCCC	bsrl c cAGTTCGGC ig GTCAAGGGGG		r CCGAAAAAC pleI hinfI	Ul matched splice donar AGAGTCAGGT AAGTACGGGG TATAGAGTCT TCTCAGGGGG ATATCTCAGA
alut vuli A getergeaaate	s b G GGAAAGTCCC			CATCA	matched splic GT AAGTACCGC CCA TTCATGGCGC
tagl salt hindlI hinclI accl plef   pull hinfl creaser	scrF1 ecoR11 bstN1 AACCAGGTGT TTGGTCCACA	okI : ATCCGCCC : TAGGGCGGGG	I TATTICCAGAA		
ATTATTGACT TAATTGACT		f AACTCCGCCC TTGAGGCGGG			CCCCGTGCCA
CCCGACATTG		GCAACCATAG TCCCGCCCT	fnu4HI bgl1 sfil haeIII ha	ccgccgcac hinfi thai fnubli	BSCOI S AACGCGGATT TTGCGCCTAA
aluI sstI sacI hgiJII hgiAI bsp1286 banII taqI	=	•		GTCTCCGGCT	DSCOT 401 GGTGCATTGG AACGCGGATT CCACGTAACC TTGCGCCTAA
. <b>.</b>	101	201	į	301	401

FIG. 7(con't)

sau96I avaII asuI

scrF1 ecoR11 bstN1

msel note ATG sparitagg TGACACTATA SP6 RNA SLAFL
501 TTAATACATA ACCTTATGTA TCATACACAT ACGATTTAGG TGACACTATA GAATACATG GTGAAACGGA AAGAGAGGTG TCCACGAGGTG AGGGTCCAGG AATTATGTAT TGGAATACAT AGTATGTGTA TGCTAAATGC ACTGTGATAT CTTATGTAT TGGAATACAT AGTATGTGTA TGCTAAATGC ACTGTGATAT CTTAATGTAT TGGAATACAT AGTATGTGTA TGCTAAATGC ACTGTGATAT CTTAATGTAT TGGAATACAT AGTATGTGTA TGCTAAATGC ACTGTGATAT CTTAATGTAT TGGAATACAT AGTATGTGTA TGCTAAATGC ACTGTGATAT CTTAATGTAG GTGAAACGGA AAGAGAGGTG TCCACAGGTG AGGGTCCAGG msel bspMI pst1 fnu4HI bbvI aluI hindIII † ddeI mnll

601 AACTGCACCT CGGTTCTAAG CTTGGGCTGC AGGTCGCCGT GAATTTAAGG GACGCTGTGA AGCA TTGACGTGGA GCCAAGATTC GAACCCGACG TCCAGCGGCA CTTAAATTCC CTGCGACATT TTGACGTGGA GCCAAGATTC GAACCCGACG TCCAGCGGCA

<b>CAGGCAGAAG</b> GTCCGTCTTC	<b>CAATTAGT</b> CA GTTAATCAGT	TTTATTTATG AAATAAATAC	scrFI ncii mcii mcii mpii haelii xmalii eagi eagi eagi cfri alui mspi cauli hindili hpali AAGCTTATCC GGCCGGGAAC	fnu4HI tha! fnuDII aseI sp6 promoter TCGTTAGAAC GCGGCTACAA AGCAATCTTG CGCCGATGTT
laIV I GCTCCCAG	sfaNI nsil avalil nlaili sphi nspCix GCATGCATCT	астаатттт Тбаттааааа	xı eç eç e alul msi hindili hp AAGCTTATCC	
nl scrFI ecoRII bstNI AAAGTCCCCA GG	AGTATGCAAA TCATACGTTT	nlallI styl ncol cccATGGCTG	styl */ avrll */ stul hacll! hacl hacl cycccaac	styl ccccTTGGCT GGGGAACCGA
	AGCAGGCAGA TCGTCCCGTCT	CATTCTCCGC GTAAGAGGCG		bstXI saug61 hinf1 rsat hinf1 asu1 AGAGTCAGGT AAGTACGGC ATATCTAGA TTCATGGGG ATATCTAGA TATCGGGG ATATCTAGA TATCGGGGTG
GYGTGTCAGT TAGGGTGTGG CACACAGTCA ATCCCACACC		bsrI TAACTCCGCC CAGTTCCGCC ATTGAGGCGG GTCAAGGCGG	mn 1.1 mn 1.1 GTAGTGAGGA GGCTTTTTTTTG GATGACTGCTT CGGAAAAAAG	ple! hinf! e donar TATAGAGTCT
TGTGGAAT ACACCITA	nlaIV scrF1 ecoRII bstNI GGAAAGTCCC CAGGTTCCCC CCTTTCAGGG GTCCCGAGGGGG			ple rsal hin igr AAGTACCGCC TATAGAC CCA TTCATGGCGG ATATCTC
tagi sali hindii hincii acci acci alui hinfi puuli AGAGTCGACA GC	SCFI ecoRII bstNI AACCAGGTGT	fokI AACTCCGCCC ATCCCGCCC TTGAGGCGGG TAGGGCGGGG	ddeI mnlI aluI GCCTCTGAGC TATTCCAGAA	
ATTATTGACT				CGGGGGGAGGGGGGGGGGGGGGGGGGGGGGGGGGGGGG
OCCGACATTG		TCCCGCCCT	fnu4HI bglI sfil haelII GGCGGCFF	CCGGCGGAGC thal thal fnuD11 bstU1 AACGCGGATT
	AAGCTCGAGC GGGCTGIANG  nsil avalii nlaili sphi sfaNi nspCIX TATGCAAAGC ATGCATCTCA			GTCTCCGGCT GTGCATTGG CCACGTAACC
:	101	201	301	401

aluI hindiii

sau961 avall asul

taqI bstBI asuII

mnll

scrF1 ecoR11 bstN1

sau3A1 mbol dpni alwi xhoII nlaIV bstYI

bamHI

501

THAATACATA ACCTITIGA AFG LARIAL CONSENSUS
TTAATACATA ACCTITITIGA TCCTATAGAC TGACATCCAC TTTGCCTTTTC TCTCCACAGG TGTCCACAC TGCACATCGG TTTGGAAGCTTTATGTAT TGGAAAACCT AGGATATCTG ACTGTAGGTG AAACGGAAAG AGGTTCGAA

GGGCTGCAGG TCGCCGTGAA TTTAAGGGAC GCTGTGAAGC A CCCGACGTCC AGCGGCACTT AAATTCCCTG CGACACTTGC T bspM1 pst1 fnu4HI bbv1

601

msel hgal

```
aluI
                                                         taqI
         sstI
                                                        salI
         sacI
                                                        hindII
         hgiJII
                                                        hincII
         hgiAI
                                                        accI
         bsp1286
                                                     pleI
                                                                aluI
         banII
                                                      hinfI pvuII
      tagI
  1 TTCGAGCTCG CCCGACATTG ATTATTGACT AGAGTCGACA GCTGTGGAAT GTGTGTCAGT AAGCTCGAGC GGGCTGTAAC TAATAACTGA TCTCAGCTGT CGACACCTTA CACACAGTCA
                                                                                    nsiI
                                                                                    avaIII
                                    nlaIV
                                                                                 nlaIII
                               scrFI
                                                                                sphI sfaNI
                               ecoRII
                                                                               nspCIx
                              bstNI
 61 TAGGGTGTGG AAAGTCCCCA GGCTCCCCAG CAGGCAGAAG TATGCAAAGC ATGCATCTCA ATCCCACACC TTTCAGGGGT CCGAGGGGTC GTCCGTCTTC ATACGTTTCG TACGTAGAGT
                                                       nlaIV
                                                  scrFI
                        scrFI
                                                  ecoRII
                        ecoRII
                                                  bstNI
                        bstNI
121 ATTAGTCAGC AACCAGGTGT GGAAAGTCCC CAGGCTCCCC, AGCAGGCAGA AGTATGCAAA TAATCAGTCG TTGGTCCACA CCTTTCAGGG GTCCGAGGGG TCGTCCGTCT TCATACGTTT
           sfaNI
        nsiI
        avaIII
       nlaIII
      sphI
                                                                                  fokI
     nspCIx
181 GCATGCATCT CAATTAGTCA GCAACCATAG TCCCGCCCCT AACTCCGCCC ATCCCGCCCC CGTACGTAGA GTTAATCAGT CGTTGGTATC AGGGCGGGGA TTGAGGCGGGG TAGGGCGGGG
                                                        nlaIII
                                                       styI
                                                      ncoI
                   bsrI
241 TAACTCCGCC CAGTTCCGCC CATTCTCCGC CCCATGGCTG ACTAATTTTT TTTATTTATG ATTGAGGCGG GTCAAGGCGG GTAAGAGGCG GGGTACCGAC TGATTAAAAA AAATAAATAC
                       fnu4HI
                       bglI
                      sfiI
                                           ddeI
                                                                                 mnlI
                                  haeIII
            haeIII haeIII
                                      mnlI aluI '
                                                                            mnlI
                          mnlI
         mnlI mnlI
 301 CAGAGGCCGA GGCCGCCTCG GCCTCTGAGC TATTCCAGAA GTAGTGAGGA GGCTTTTTTG
GTCTCCGGCT CCGGCGGAGC CGGAGACTCG ATAAGGTCTT CATCACTCCT CCGAAAAAAC
                                                         scrFI
                                                         nciI
                                                        mspI
                                                        hpaII
                                                      haeIII
                                                   xmaIII
            styI
                                                   eagI
            avrII
                                                   eaeI
                                                                                              hinfI
          haeIII
                                                                                         thaI
                                                   cfrI
        stuI
                                                 mspI caulI
                                                                                         fnuDII
                                        aluI
        haeI
                                                                                         bstUI
                                      hindIII hpaII
 361 GAGGCCTAGG CTTTTGCAAA AAGCTTATCC GGCCGGGAAC GGTGCATTGG AACGCGGATT CTCCGGATCC GAAAACGTTT TTCGAATAGG CCGGCCCTTG CCACGTAACC TTGCGCCCTAA
       mnlI
                                                                               bstXI
                                                                           sau96I
                                                            pleI
hinfI
                                                                           haeIII
                        pleI
                                                                           asuI
                                                                                         styI
                                         rsaI
                              Ul matched splice donar
 421 CCCCGTGCCA AGAGTCAGGT AAGTACCGCC TATAGAGTCT ATAGGCCCAC CCCCTTGGCT
       GGGGCACGGT TCTCAGTCCA TTCATGGCGG ATATCTCAGA TATCCGGGTG GGGGAACCGA
```

```
F1G. 7
                                                             sau3AI
                                                              mboI
                                         (cont)
                                                              dpnI
                                                              alwI
                                                            xhoII
                    fnu4HI
                                                            nlaIV
                                                            bstYI
                  thaI
                 fnuDII
                                                            bamHI
                                   mseI
                                                            alwI
                 bstUI
                                 aseI
                                                          removed ATG
       sp6 promoter
                                                                      U2 match lariat consensus
481 TCGTTAGAAC GCGGCTACAA TTAATACATA ACCTTTTGGA TCCTACTAAC TACTGACTTA AGCAATCTTG CGCCGATGTT AATTATGTAT TGGAAAACCT AGGATGATTG ATGACTGAAT
                                                          sau96I
                                                          avaII
                                                                                         thaI
                                                          asuI
                                                                                         fnuDII
                                                      scrFI
                                                                                        bstUI
                                                      ecoRII
                                                                            mnlI nruI hindIII cloning linker
                                                                            mnlI
                                                      bstNI
541 TTCTTTTCCT TTCTCTCAC AGGTGTCCAC TCCCAGGTCC AACTGCACCT CGGTTCGCGA AAGAAAAGGA AAGAGAGGTG TCCACAGGTG AGGGTCCAGG TTGACGTGGA GCCAAGCGCT
                     bspMI
               pstI
fnu4HI
                                                      hgaI
                                             mseI
      aluI
               bbvI
   1
```

AGCTTGGGCT GCAGGTCGCC GTGAATTTAA GGGACGCTGT GAAGCA TCGAACCCGA CGTCCAGCGG CACTTAAATT CCCTGCGACA CTTCGT

nlaIV 11 11 15 GGCTCCCAG CAGGCAGAAG CCGAGGGGTC GTCCGTCTTC	sfaNI nsiI avaliI nlaili sphi nspCix CGTACGTAGA CGTACGTAGA CGTACGTAGA	ACTAATTTT TT TGATTAAAA AA	scrri mspl hpall hpall kaelli eagl eagl eael cfrl alul mspl caull hindll hpall AAGCTTATCC GGCCGGGAAC TTCGAATAGG CCGCCCTTG	fnu4HI tha! fnuDII ase! sp6 promoter TCGTTAGAAC GCGGCTACAA AGCAATCTTG CGCCGATGTT
nl scrfi ecoRII bstNI AAAGTCCCCA GG	AGTATGCAAA TCATACGTTT	nlalll styl ncol cccATGCTG GGGTACCGAC	styI avrII haeIII *, stuI haeI mnlI GAGGCCTAGG CTTTTGCAAA	styl styl ccccrrccr; ccccrrccr;
TAGGGTGTGG	AGCAGGCAGA TCGTCCGTCT	bsrI TAACTCCGCC CAGTTCCGCC CATTCTCCGC ATTGAGGCGG GTCAAGGGCG		bstXI sau961 hinfI rsal hinfI asuI U1 matched splice donar AGAGTCAGGT AAGTACGGC TATAGAGTCT ATAGGCCGGGGGGGGGG
GTGTGTCAGT	nlalV scrFl ecoRll bstNl GGAAAGTCCC CAGGCTCCCC	bsrl TAACTCCGCC CAGITTCCGCC ATTGAGGCGG GTCAAGGCGG	11 GGCTTTTTTG CCGAAAAAAC	plei hinfi e donar TATAGAGTCT ATATCTGAGA
taqi sali hindii hincii acci plei alui hinfi pvuli GAGTCGACA GCTGTGGAAT	nlaIV scrFI ecoRII bstNI GGAAAGTCCC CAGGCTCCCC CCTTTCAGGG GTCCGAGGGG	bs TAACTCGCC ATTGAGGCGG	mnlI mnlI GTAGTGAGGA G	pleI hinfI Ul matched splice donar AGAGTCAGGT AAGTACCGCC TATAGAO TCTCAGTCCA TTCATGGCG ATATCT
taqI sali hindII hincII accI pleI aluI hinfI pvuII AGAGTCGACA GCTGTGGAAT	SCIFI eCORII bstNI AACCAGGTGT TTGGTCCACA	ki Atccccccc Tagggcggg	I TATTCCAGAA ATAAGGTCTT	
ATTATTGACT TAATAACTGA	ATTAGTCAGC TAATCAGTCG	fol AACTCCGCCC / TTGAGGCGGG '	ddel haeili mnli alui G GCCTCTGAGC	I CCCCGTGCCA GGGGCACGGT
CCCGACATTG A		TCCCGCCCT	fnu4HI bglI sfiI haeIII he I mnlI cGGCGCTCG	
alui ssti saci hgiJii hgiAi bsp1286 banii taqi		GCAACCATAG TCCCGCCCT	haeIII hanli mnli cAGAGGCGGCT C	
<del>-</del>	101	201	301	401

TUKULK EKUUUK KG.0 (04,

sau3AI
mboI
dpnI
alwI
xhoII
nlaIV
bstYI
bamHI

cloning linker and transcape described IgG vH natural lariat restored IgG vH natural lariat restored sengercact cccasercea acterace sentescapa son transcape acteracea acterace sentescapa and transcape acteracea acteracea ccaasecea acteracea acteracea ccaasecea acteracea ccaasecea and antraterat researance asserting and the sentescape acteracea removed ATG

meet

1 601 GCTTGGGCTG CAGGTCGCCG TGAATTTAAG GGACGCTGTG AAGCA CGAACCCGAC GTCCAGCGGC ACTTAAATTC CCTGCGACAC TTCGT

msel

bspMI pstI fnu4HI bbvI

fokī

nrul hind !!! thal aluf fnuDII bstH

Mull

sau961 avall asul

scrFI ecoRII bstNL

Fig. 11 splice donor TGACGTAAGTAC...<u>ATG</u>TATCATACACATACGATT<u>TAGGTGACA</u>CTATAGAATAACATCCACTTTGCCTTTCTCCCACAGGT Real dies and han first they that the spurious S.D.? SVI2 TCACCTAAGTAC...ATGTATCATACACATACGATTTAGGTGACACTATAGAATAACATCCACTTTGCCTTTCTCCCACAGGT CTATAGACTICACATCTACTTTCTCTCCACAGGT
BPS IID TGAGGTAAGTAC...TITGGATC SVI5 TGAGGTAAGTAC...TTGGATC ETACTACTACTACTACTATTCTTTTTTTTTTTTTTTCTCCACAGGT

BPS IIC BPS IIB BPS III SVI6B TGAGGTAAGTAC...TTGGATC CTACTGACACTGACATCCACTTTTTTTTTTTTTTTTTTCTCACAGGT BPS IIB BPS IIA